Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 27 Sep 2023 until 23:59 on Thursday 28 Sep 2023

Forecast Issued on Tuesday 26 Sep 2023 at 13:59

Confidence: High for an unsettled weather particularly on Wednesday and Thursday. Drier weather expected by Saturday, with more settled conditions.

Headline for Wednesday 27 Sep 2023: Increasingly cloudy with winds strengthening with rain and gales by afternoon.

Mountain weather hazards on Wednesday 27 Sep 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
Medium Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Light rain	Light rain	Light rain showers	Dull
Precipitation probability							
10%	20%	10%	30%	70%	70%	40%	20%

Forecast for Wednesday 27 Sep 2023

Weather: Cloud increasing in early hours and probably mostly dry. Outbreaks of rain arriving around midday, with possible heavy and persistent rain. This turning showery in evening with some clear spells between blustery showers. Strongest winds from south or southeast later in the day.

Chance of cloud-free hill tops above 600m: 90% for the morning becoming 60% by late afternoon with little change in evening.

Low cloud and visibility: Generally above the tops, with broken bases down to 500m developing as the rain sets in. Very good visibility becoming moderate in rain and poor or very poor in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 27 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/27 SW	13/18 SW	12/15 S	20/29 SE	24/34 SE	29/41 SE	31/44 S	34/48 SW	34/50 SW
300	12/21 SW	7/14 S	10/15 SE	17/25 SE	20/32 SE	24/38 SE	24/38 S	26/41 SW	25/40 SW
Valley	7/19 SW	4/14 S	5/14 SE	11/23 SE	14/30 SE	19/40 SE	18/39 S	20/41 S	19/40 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/6	10/7	10/6	11/7	13/8	13/8	11/6	10/6
300	11/9	11/10	12/10	12/10	14/10	16/11	16/11	13/9	13/9
Valley	11/9	11/10	11/10	14/12	14/12	16/13	16/13	14/10	14/10
Freezing Level*	1700m	1700m	1800m	2100m	2600m	2800m	2400m	2500m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

An increasingly windy day with gusts possibly 10-15mph higher than indicated across some ridges, with significant buffeting.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 26 Sep 2023	0.2mm	0.2mm	0.2mm

Forecast for Thursday 28 Sep 2023

Weather: Cloudy start with any showers probably easing and clearing by dawn. Thursday then mostly fine but windy and thickening cloud is likely to bring further rain from the south and west in the evening period.

Maximum wind: Southwesterly with gusts reaching around 50mph in the early hours of Thursday morning.

Chance of cloud-free hill tops above 600m: 90% becoming 50% in the evening.

Low cloud and visibility: Scattered to broken bases around 600m, otherwise cloud generally remaining above summits.

Temperature: **Valleys:** Plus 9 Celsius becoming plus 17 Celsius.
Valleys: Plus 8 Celsius becoming plus 12 Celsius.
Freezing level: Well above summits.

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